AIR QUALITY BUREAU
ATTN: Application Log in
7900 Hickman Rd., Suite 1
Urbandale, IA 50322

IOWA DNR Air Construction Permit Application

Form EP Stack/Vent Information

Please see instructions on the reverse side

Company Name	
1) EP Number ID:	
2) Stack Opening size: ☐ circular, diameter (inches) _____ ☐ other size (inches x inches) _____	
3) Height from ground (feet):	
4) Height from highest building level (feet):	
5) Distance from the nearest property line (feet):	
6) Discharge Style (check one)	☐ Vertical (without rain cap or with unobstructing rain cap)
	☐ VR (Vertical, with obstruction rain cap)
	☐ D (Downward discharge; for example, a goose neck stack)
	☐ H (Horizontal discharge)
	☐ I (Inside-Vent inside building)

Exhaust Information

7) Moisture Content % (if known):	8) Exit Temperature (Fahrenheit): °F
9) Rated Flow Rate: ☐ ACFM: _____	☐ SCFM: _____
10) Does this emission point have control equipment? ☐ No ☐ Yes; If yes, provide control ID: _____	

Air Emissions Pathway Diagram

11) Air Emissions Pathway Diagram (see examples on reverse-side)

Instructions for Form CS

This form is used by the DNR to identify the emission point (stack or vent) used for the emission unit(s) proposed in this permit application. Additional information may be requested.

Please put your company name in the box provided. This is useful if application pages are separated.

STACK/VENT (EMISSION POINT) SPECIFICATIONS:

IF YOU HAVE MULTIPLE STACKS FROM ONE EMISSION UNIT OR CONTROL EQUIPMENT, ATTACH A SHEET (LABELED CS-11A) THAT GIVES THE INFORMATION REQUESTED IN (1)-(9) FOR EACH STACK.

1. Provide the ID number of the emission point. An emission point is the same as a stack or vent.
2. Indicate whether the stack or vent opening is circular or other shapes and write in opening dimensions in inches.
3. Provide the height of the top of the emission point above the ground in feet.
4. Provide the height of the top of the emission point above the highest point of the building the stack is located on.
5. Provide the straight distance between the emission point location and your nearest property line in feet.
6. Check the stack discharge style. If the emission unit(s) does not vent directly to the atmosphere but rather, vents into the building, mark inside.
7. Provide the moisture content in percent of the exhaust gas, if known. If unknown, leave blank.
8. Provide the temperature of the exhaust gases at the emission point in degree Fahrenheit.
9. If there is a fan equipped with the emission point, give the rated capacity of the fan in actual cubic feet per minute or standard cubic feet per minute.
10. Identify the control equipment by a number.

11. **AIR EMISSIONS PATHWAY DIAGRAM:**

Identify all emission units, showing the pathway of air emissions from each emission unit through each control equipment (if any) to the stack or vent (see examples below). Identification numbers used in the flow diagram must be consistent throughout this application. You may attach another diagram labeled EP-11A or use a blueprint to show emissions pathway.